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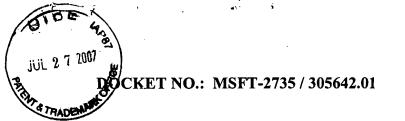
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Anil K. Nori, Agarwal Sameet, J. Patrick

Thompson, Pedro Celis, David G.

Campbell and Soner F. Terek   Confirmation No.: 9948

Application No.: 10/646,580   Group Art Unit: 2162

Filing Date: August 21, 2003   Examiner: Jean M. Corrielus

For: SYSTEMS AND METHODS FOR DATA MODELING IN AN ITEM-BASED
    STORAGE PLATFORM

DATE OF DEPOSIT: July 25 2007

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Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information

relating to the above-identified application is hereby disclosed. Inclusion of information in

this statement is not to be construed as an admission that this information is material as that

term is defined in 37 CFR § 1.56(b).

☒   In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐   In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

        ☐   Certification in Accordance with § 1.97(e) is attached; or

        ☐   The fee of **$180.00** as set forth in § 1.17(p) is attached.

☐   In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of **$180.00** as set forth in § 1.17(p).

☒   Copies of reference numbers **34 thru 59** listed on the attached Form PTO-1449 are enclosed herewith.

☒   Copies of reference numbers **1 thru 33** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(ii).

        ☐   Copies of references   -   are not being submitted because they were previously cited by or submitted to the U.S. Patent and

Trademark Office in patent application number , filed for

which a claim for priority under 35 U.S.C. § 120 has been made in the

instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-

3050. This form is submitted in duplicate.

Date: July 25 2007

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Form PTO-1449 Modified		Docket No. MSFT-2735 / 305642.01			Application No. 10/646,580	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Anil K. Nori, Agarwal Sameet, J. Patrick Thompson, Pedro Celis, David G. Campbell and Soner F. Terek				
U.S. Department of Commerce Patent and Trademark Office		Filing Date August 21, 2003			Group 2162	
		Confirmation No. 9948				

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	5,774,717	06/30/98	Porcaro et al.	707	202
	2	5,842,213	11/24/98	Odom et al.	707	100
	3	5,893,106	04/06/99	Brobst et al.	707	102
	4	6,006,234	12/21/99	Govindarajan et al.	707	103R
	5	6,085,192	07/04/00	Mendez et al.	707	10
	6	6,151,606	11/21/00	Mendez	707	201
	7	6,317,754	11/13/01	Peng	707	203
	8	6,343,287	01/29/02	Kumar et al.	707	4
	9	6,430,564	08/06/02	Judge et al.	707	100
	10	6,438,545	08/20/02	Beauregard et al.	707	6
	11	6,477,527	11/05/02	Carey et al.	707	4
	12	6,553,391	04/22/03	Goldring et al.	707	203
	13	6,643,652	11/04/02	Helgeson et al.	707	10
	14	6,708,221	03/16/04	Mendez et al.	709	248
	15	6,801,604	10/05/04	Maes et al.	379	88.17
	16	6,851,089	02/09/05	Erickson et al.	715	513
	17	6,857,053	02/15/05	Bolik et al.	711	162
	18	6,895,586	05/17/05	Brasher et al.	719	313
	19	6,990,513	01/24/06	Balfiore et al.	709	203
	20	6,999,956	02/14/06	Mullins	707	2

EXAMINER	DATE CONSIDERED

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	21	7,031,973	04/18/06	Natarajan et al.	707	102
	22	7,043,481	05/09/06	Mullins et al.	707	10
	23	7,099,932	08/29/06	Frenkel et al.	709	223
	24	7,158,962	01/02/07	Nelson	707	2
	25	7,177,865	02/13/07	Nguyen et al.	705	51
	26	2002/0156792	10/24/02	Gombocz et al.	707	103
	27	2002/0184163	12/05/02	Lotter et al.	705	4
	28	2003/0144849	07/31/03	Kakivaya et al.	705	1
	29	2004/0025110	02/05/04	Hu, Jingkun	715	500
	30	2004/0073560	04/15/04	Edwards	707	200
	31	2004/0199521	10/07/04	Anglin et al.	707	103
	32	2004/0024795	02/05/04	Hind et al.	707	100
	33	2004/0268240	12/30/04	Vincent	715	513

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	34	EP 0 974 895	01/26/00	EPO		
	35	WO 02/075539	09/26/02	PCT		

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		NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	36	Barker, J., "Beginning Java Objects," *Wrox Press Ltd.*, **2000**, pages 1 and 94
	37	Berenson, H. "A Critique of ANSI SQL Isolation Levels", SIGMOD RECORD, 1995, 24(2), 10 pages
	38	Bernstein et al., "The Microsoft Repository," *Proceedings of the 23rd VLDB Conference*, **1997**, http://citeseer.ist.psu.edu/bernstein97microsoft.html
	39	Bernstein, P. et al., "Microsoft Repository Version 2 & The Open Information Model," *Microsoft Paper pub. In Information Systems*, **1999**, *22(4)*
	40	Fialli et al., "Java TM Architecture for XML Binding (JAXB) Specification," September 12, **2002**, *Version 0.7*, 1-178
	41	Gordon, A.D. et al., "Typing a Multi-Language Intermediate Code," *POPL '01, London, UK*, January **2001**, 257
	42	Gray, J. et al., "The Dangers of replication and a Solution", SIGMOD, 1996, 25(2), 173-182, XP-002146555
	43	Greenwald, R. et al., "Oracle Essentials: Oracle 8 & Oracle 8i", MultiUser Concurrency, 1999, Ch. 7, 7 pages, XP-002312028
	44	Guy, R.G. et al., "Implementation of the Ficus Replicated File System", Proceedings of the Summer USENIX Conference, June 1990, 63-71, XP 002234187
	45	Helal, S. et al., "A Three-tier Architecture for Ubiquitous Data Access", Computer Systems and Applications ACS/IEEE, June 2001, 177-180, XP010551207
	46	Huang, Yun-Wu. et al., "Lightweight Version Vectors for Pervasive Computing Devices", IEEE, 2000, 43-48
	47	Ip et al., *IEEE*, **1991**, 8-15
	48	Kistler, J.J. et al., "Disconnected Operation in the Coda File System", ACM Transactions on Computer Systems, February 1992, 10(1), 3-25, XP000323223
	49	Kistler, J.J. et al., "Increasing File System Availability through Second-Class Replication", IEEE, 1990, 65-69, XP010021244
	50	Lubinsky, B., "Approaches to B2B Integration," *EAI Journal*, February **2002**
	51	Mazzola Paluska, J. et al., "Footloose: A Case for Physical Eventual Consistency and Selective Conflict Resolution", Proceedings of the 5th IEEE Workshop on Mobile Computing Systems and Applications, 2003, 170-179

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NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	52	Plattner, C. et al., "Ganymed: Scalable Replication for Transactional Web Applications", IFIP International federation for Information Processing, 2004, 155-174, XP-002370197
	53	Seshadri, P. et al., "SQLServer for Windows Ce-a Database Engine for Mobile and Embedded Platforms", Data Engineering, Proceedings of the 16th International Conference, IEEE Computer Society, March 2000, 642-644, XP 010378761
	54	Shapiro, M. et al., "Managing Databases with Binary Large Objects", IEEE, 1999, 185-193, XP-000922048
	55	Singer, J., "JVM versus CLR: A Comparative Study," *PPPJ 2003, Kilkenny City, Ireland,* June 16-18, **2003**, 167
	56	Soundarajan et al., *Fifth International Conference on Software reuse ICSR*, **1998**, 206-215
	57	"SyncML Sync Protocol", 2000, Version 1.0, 60 pages, http://www.syncml.org/docs/syncml protocol v10 20001207.pdf
	58	"Using Value Objects," by the XDoclet Team, last published May 5, **2005**, http://xdoclet.sourceforge.net/xdoclet/valueobjects.html
	59	Wang et al., paper on (OS) application programming interfaces (APIs), *IEEE Communications Magazine*, October **2001**

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